

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091521\
 Data File : VD070371.D
 Acq On : 15 Sep 2021 11:58
 Operator : VA/SY
 Sample : M3724-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31190RE

Quant Time: Sep 16 02:39:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	12939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	23856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	28682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11918	71.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.460%	
35) Dibromofluoromethane	7.909	113	8126	47.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.700%	
50) Toluene-d8	10.332	98	29703	48.177	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.360%	
62) 4-Bromofluorobenzene	12.626	95	12399	57.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.080%	

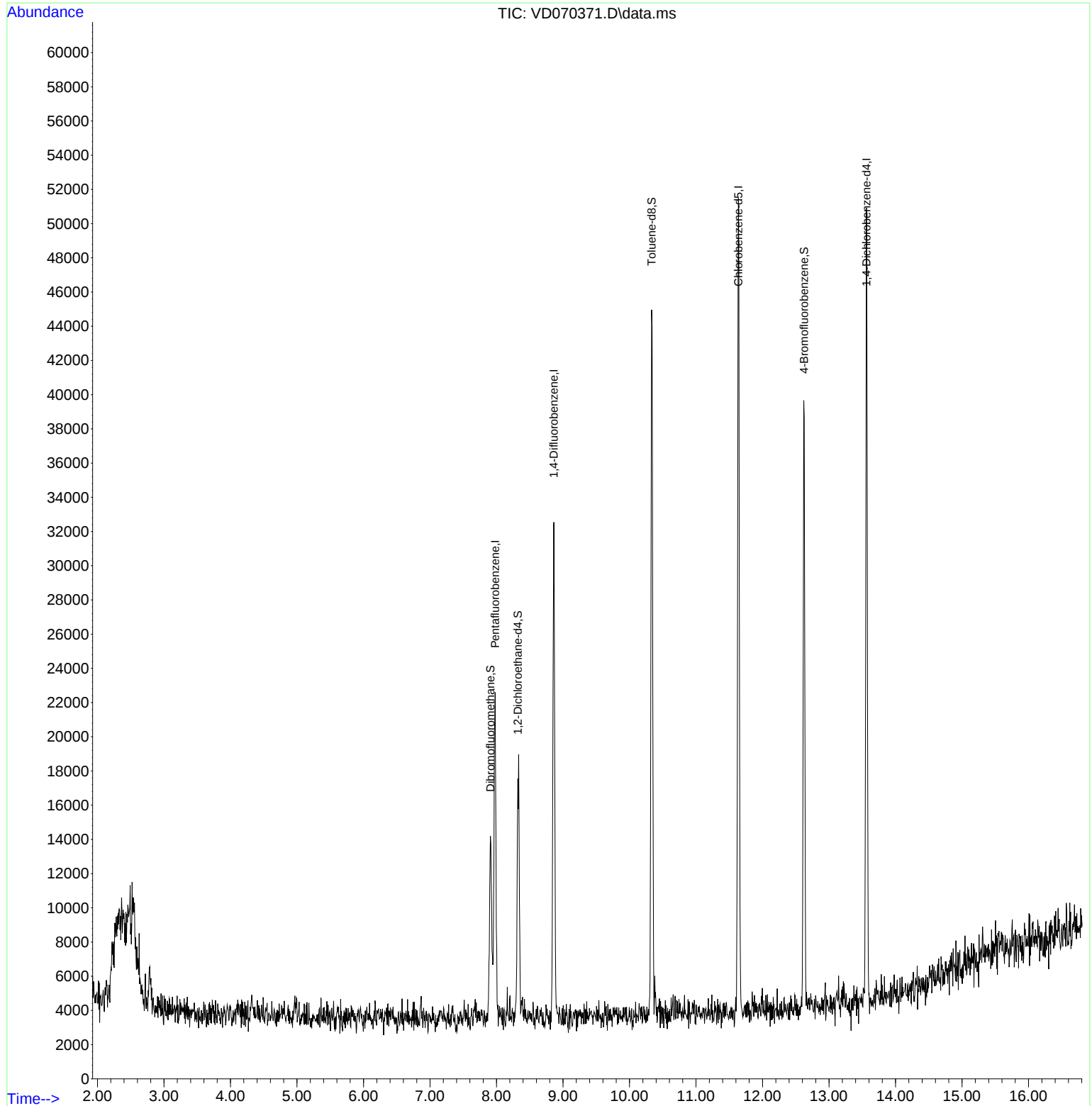
Target Compounds	Qvalue

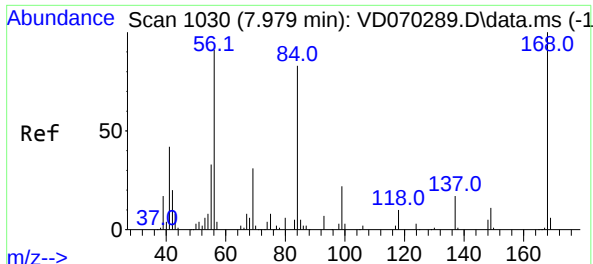
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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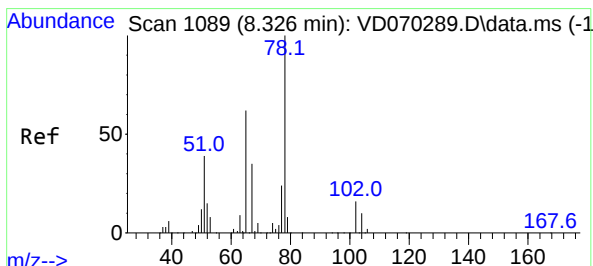
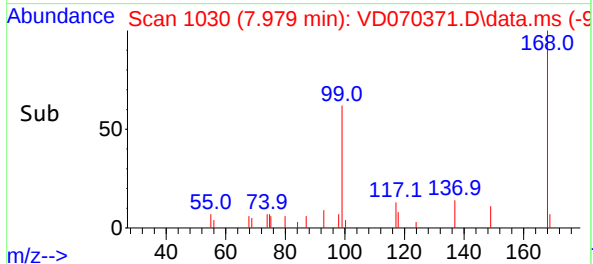
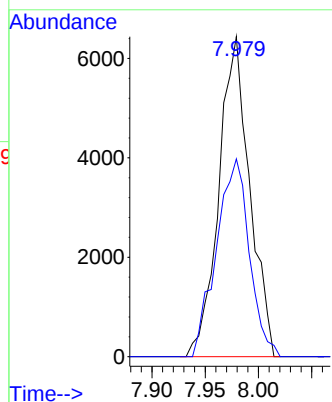
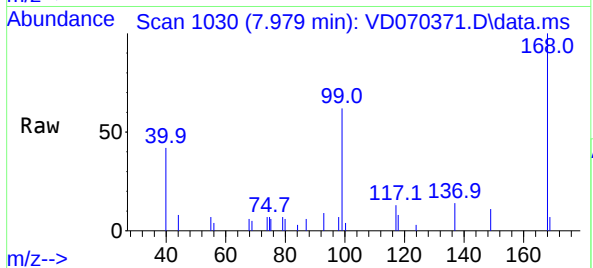




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

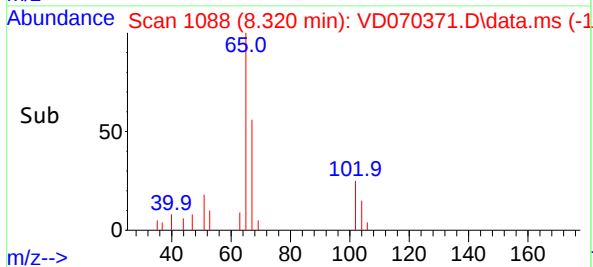
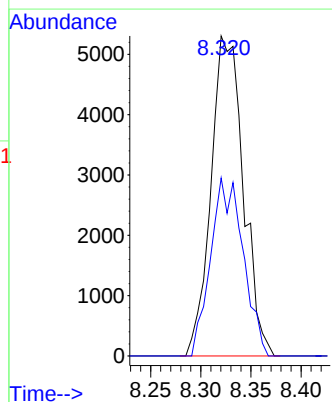
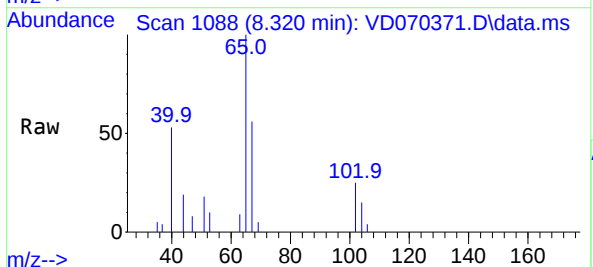
Instrument :
MSVOA_D
ClientSampleId :
31190RE

Tgt Ion:168 Resp: 12939
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 71.735 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

Tgt Ion: 65 Resp: 11918
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.4



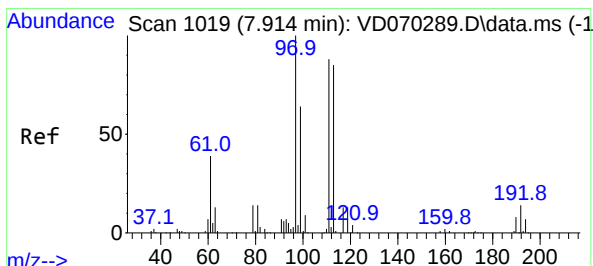
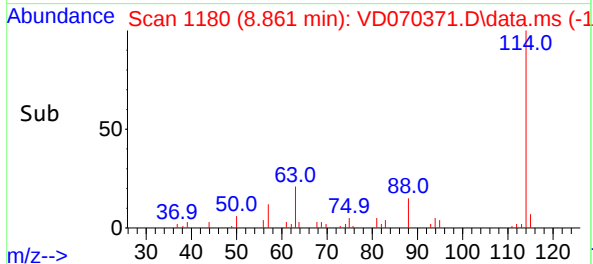
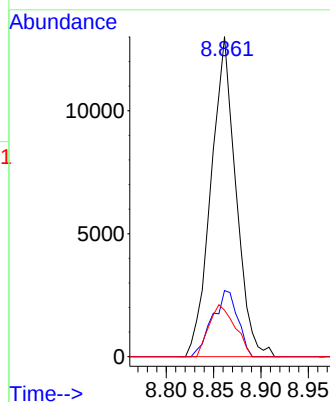
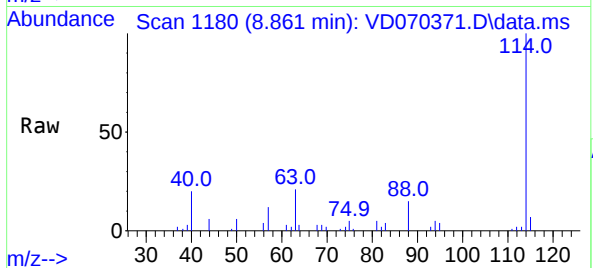


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
31190RE

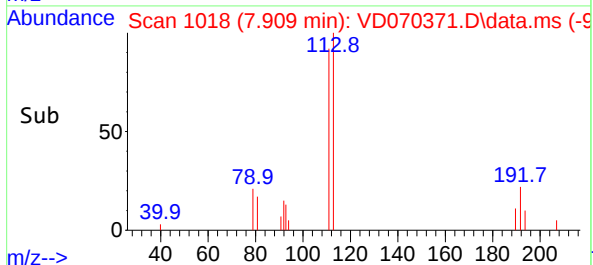
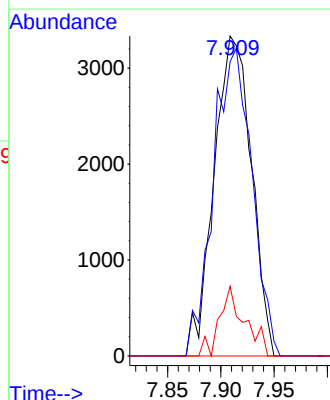
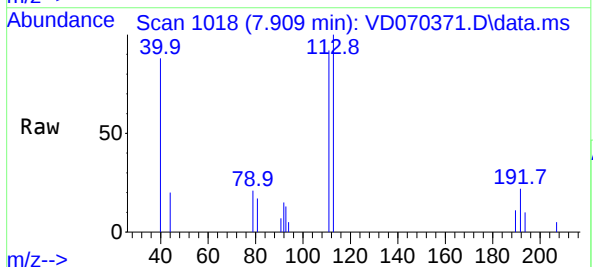
Tgt Ion:114 Resp: 23856
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 14.5 0.0 33.4

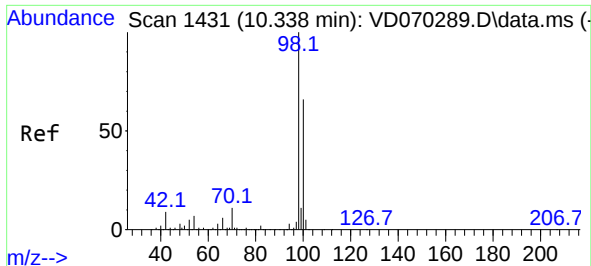


#35

Dibromofluoromethane
Concen: 47.853 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

Tgt Ion:113 Resp: 8126
Ion Ratio Lower Upper
113 100
111 99.4 81.4 122.2
192 14.7 13.0 19.6

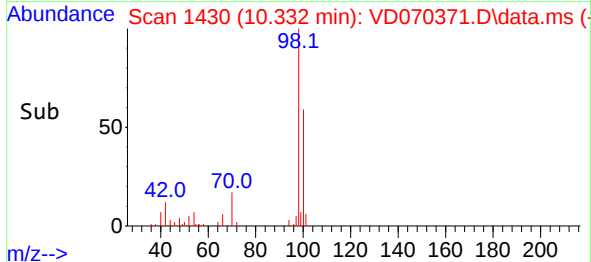
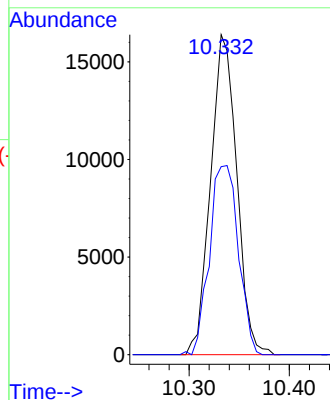
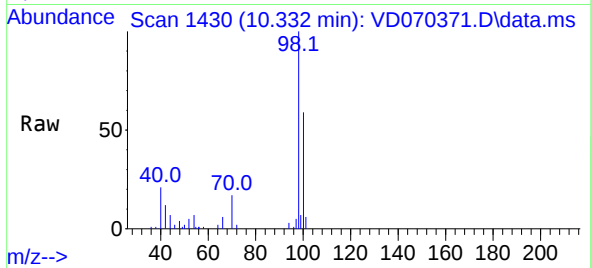




#50
Toluene-d8
Concen: 48.177 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

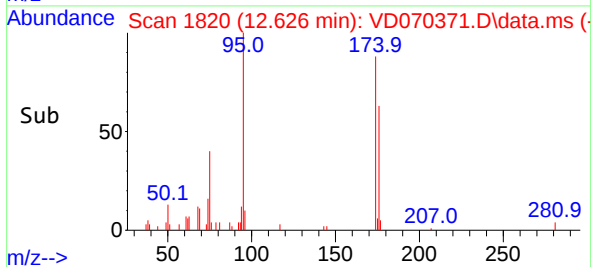
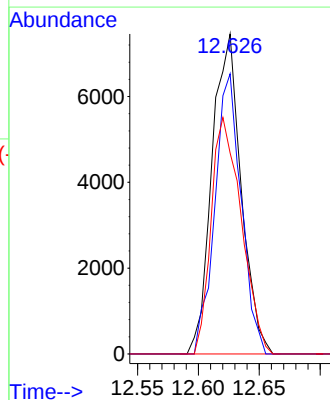
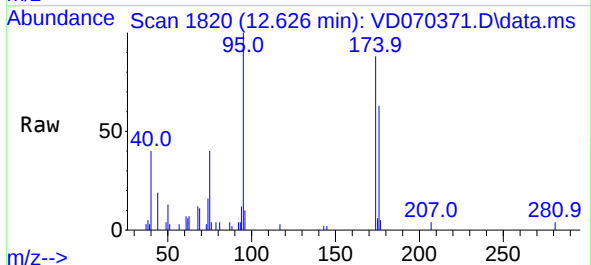
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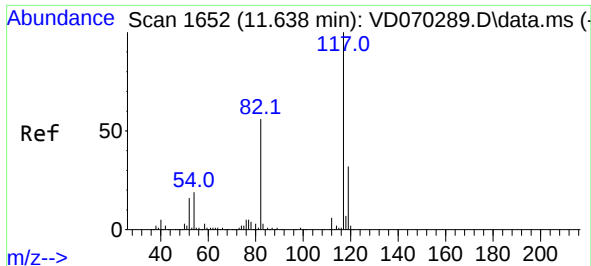
Tgt Ion: 98 Resp: 29703
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.543 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

Tgt Ion: 95 Resp: 12399
Ion Ratio Lower Upper
95 100
174 79.4 0.0 140.6
176 76.5 0.0 137.4

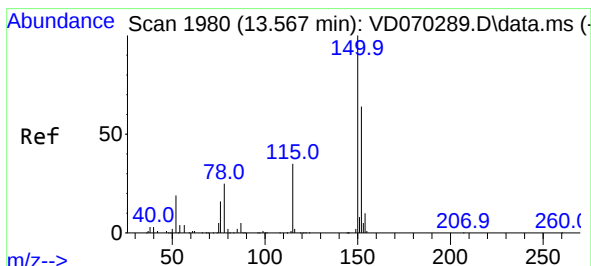
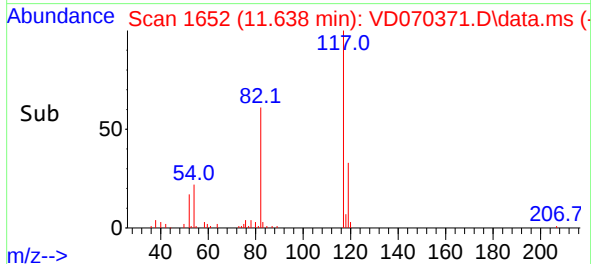
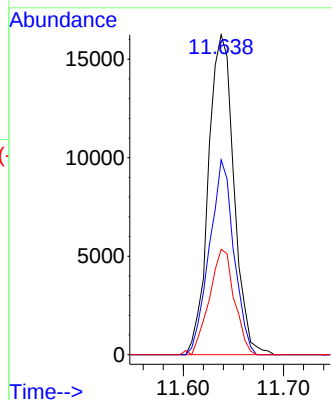
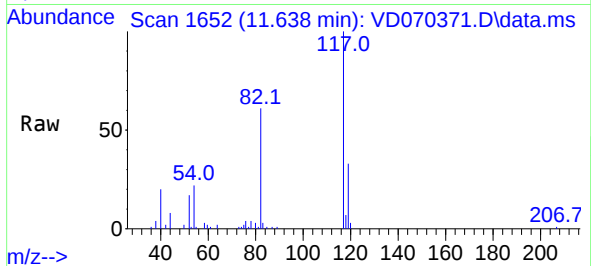




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
31190RE

Tgt Ion:	117	Resp:	28682
Ion Ratio	Lower	Upper	
117	100		
82	60.9	45.0	67.4
119	33.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070371.D
Acq: 15 Sep 2021 11:58

Tgt Ion:	152	Resp:	12067
Ion Ratio	Lower	Upper	
152	100		
115	64.9	32.1	96.3
150	158.5	0.0	350.6

